

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,118,432 B2
APPLICATION NO. : 10/814416
DATED : October 10, 2006
INVENTOR(S) : Goichi Katayama

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

1. At column 5, line 1, please delete "flows-through" and insert therefore, -- flows through --.
2. At column 10, line 39, please delete "97hA" and insert therefore, -- 97bA --.
3. At column 12, line 39, in Claim 1, after "engine" please insert -- , --.
4. At column 12, line 51, in Claim 2, please delete "atop" and insert therefore, -- a top --.
5. At column 13, line 1, in Claim 5, please delete "die" and insert therefore, -- the --.
6. At column 13, line 17, in Claim 10, please delete "atop" and insert therefore, -- a top --.
7. At column 13, line 34, in Claim 14, please delete "arc" and insert therefore, -- are --.
8. At column 13, line 56, in Claim 17, please delete "tie" and insert therefore, -- the --.
9. At column 14, line 3, in Claim 18, please delete "Internal" and insert therefore, -- internal --.
10. At column 14, line 58, in Claim 23, please delete "atop" and insert therefore, -- a top --.
11. At column 15, line 5, in Claim 23, please delete "duet" and insert therefore, -- duct --.

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,118,432 B2
APPLICATION NO. : 10/814416
DATED : October 10, 2006
INVENTOR(S) : Goichi Katayama

Page 2 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

12. At column 15, line 14, in Claim 23, please delete "Into" and insert therefore,
-- into --.

13. At column 15, line 19, in Claim 24, please delete "end" and insert therefore,
-- at --.

Signed and Sealed this

Twenty-seventh Day of May, 2008



JON W. DUDAS
Director of the United States Patent and Trademark Office